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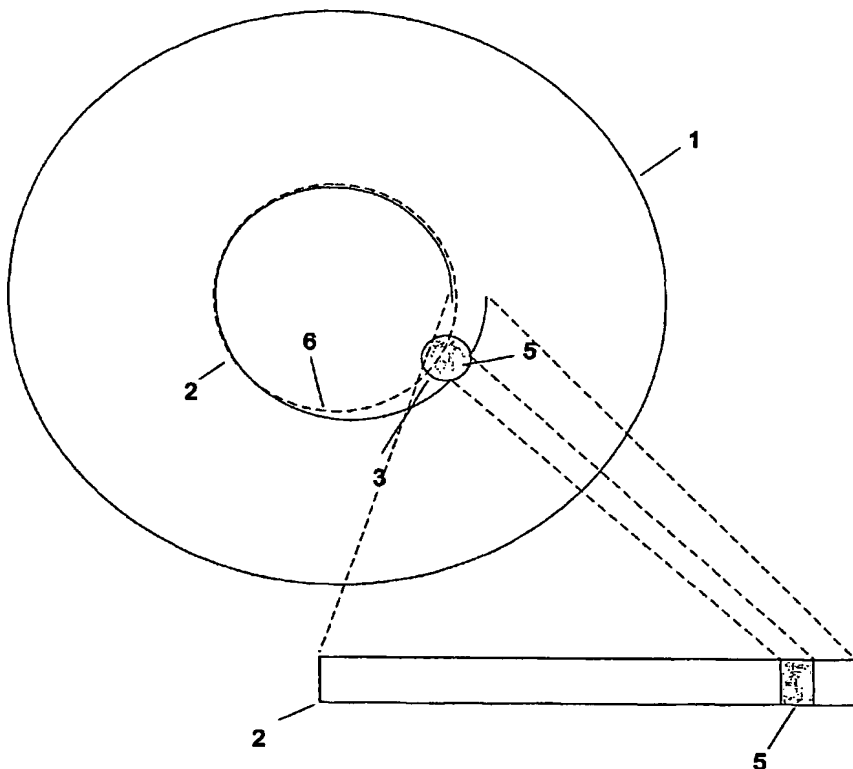
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **BLUM, Martinus, W.**
- (74) Agent: **UITTENBOGAARD, Frank**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: RECORD CARRIER WITH TWO ECC BLOCK SIZES, AND RECORDING METHOD AND RECORDER FOR RECORDING SUCH RECORD CARRIER



(57) Abstract: On a small record carrier the inner section of the record carrier represents a significant amount of storage capacity. A regular ECC block however occupies more than one revolution of the record carrier leading to multiplication of burst errors in a single ECC block. By using two ECC block sizes the multiplication of burst errors is prevented. The transition from the small ECC blocks in the inner annular section to the large ECC blocks in the outer annular section of the disk is positioned where one ECC block from the outer annular section occupies one revolution of the record carrier. Thus an optimum division is achieved between large and small ECC blocks optimizing storage capacity and error correction capabilities.

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